

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 59200 (71699)
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/516809</b>
INTERNATIONAL APPLICATION NO. PCT/US03/17903	INTERNATIONAL FILING DATE June 6, 2003	PRIORITY DATE CLAIMED June 6, 2002
TITLE OF INVENTION USE OF A NIGHT-VISION INTENSIFIER FOR DIRECT VISUALIZATION BY EYE OF FAR-RED AND NEAR-INFRARED FLUORESCENCE THROUGH AN OPTICAL MICROSCOPE		
APPLICANT(S) FOR DO/EO/US Mahmud Ahmad Siddiqi and John David Gearhart		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)) (unexecuted).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: PCT Request (Form PCT/RO/101); Copy of Published PCT Application No. WO 03/104852 A2; Written Opinion (Form PCT/IPEA/408); International Search Report (Form PCT/ISA/220, Form PCT/ISA/210); Form PCT/IB/304; Form PCT/IB/308; Form PTO-1449; 2 references; and Return Receipt Postcard

U.S. APPLICATION NO. (if known, see 37 CFR 1.51) <div style="font-size: 1.5em; font-weight: bold;">10/516809</div>	INTERNATIONAL APPLICATION NO. PCT/US03/17903	ATTORNEY'S DOCKET NUMBER 59200 (71699)
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21. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):**  
 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1110.00  
 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$950.00  
 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00  
 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$750.00  
 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	36-20 =	16	x 18.00
Independent claims	2-3 =	0	x 88.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ 300.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$ 1,508.00</b>
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			<b>\$ 754.00</b>
<b>SUBTOTAL =</b>			<b>\$ 754.00.0</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			\$
<b>TOTAL NATIONAL FEE =</b>			<b>\$ 754.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$
<b>TOTAL FEES ENCLOSED =</b>			<b>\$ 754.00</b>
			Amount to be refunded: \$
			Amount to be charged: \$

a. ☒ A check in the amount of \$ 754.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO: Peter F. Corless EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444 <b>CUSTOMER NUMBER: 21874</b>	<div style="text-align: center;">             SIGNATURE: _____            NAME: Jennifer K. Rosenfield         </div> <div style="text-align: center;">           53,531            REGISTRATION NUMBER         </div>
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Application No. (if known): US03/17903

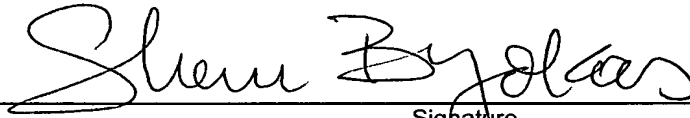
Attorney Docket No.: 59200 (71699)

**Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 517 916 072 US in an envelope addressed to:

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Sharon Bizokas

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(617) 439-4444

Telephone Number

**Note:** Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office;  
PCT Request (Form PCT/RO/101); Copy of International Application as  
filed; Copy of Published PCT Application No. WO 03/104852 A2); Written  
Opinion (Form PCT/IPEA/408); International Search Report (Form  
PCT/ISA/220, Form PCT/ISA/210); Form PCT/IB/304; Information  
Disclosure Statement; Form PTO-1449; 2 References; Form PCT/IB/308;  
Preliminary Amendment; DPOA (unexecuted); Check in the amount  
of \$ 754.00; and Return Receipt Postcard